

REMARKS

Applicants respectfully request reconsideration of the pending application.

Office Action Summary

The Office Action objects to the title of the invention as not descriptive. Claims 1-3 and 38 have been rejected under 35 USC 102(b) as being anticipated by US Patent 5,963,255 of Anderson et al. ("Anderson"). Claim 1 has been objected to for an informality. Claims 4-8 have been objected to as being dependent upon a rejected base claim, but otherwise allowable.

Status of Claims

At the time the Office Action was mailed, claims 1-8 and 38 were pending in the application. In the present response, claim 1 has been amended to correct an informality. No claims have been added, canceled or withdrawn. Therefore, claims 1-8 and 38 remain pending in the application.

Title of Invention

The title of the invention has been amended to read "Digital Camera with Power Management."

Claim Rejections Under 35 USC 102

Claims 1-3 and 38 have been rejected under 35 USC 102(b) as anticipated by Anderson.

Claim 1

Claim 1 recites:

A digital camera comprising:
a control subsystem comprising a microprocessor;
an imaging subsystem in communication with the controlled subsystem; and
a power management subsystem in communication with the control subsystem, the power management subsystem comprising:
power selection-isolation circuitry for isolating at least two power sources;
battery charging circuitry in communication with the power selection-isolation circuitry; and
power arbitration circuitry in communication with the power selection-isolation circuitry and the battery charging circuitry.

(emphasis added).

The Office Action states:

Anderson et al depicts in Figure 3 and teaches on column 5, Lines 29-58 the specifics of the power management subsystem (17). Anderson et al teaches power selection-isolation circuitry (75) for isolating at least two power sources (battery (74) and voltage from AC adapter); battery charging circuitry (AC adapter) in communication with the power selection-isolation circuitry (75); and a power arbitration circuitry (70) in communication with the power selection-isolation circuitry (75) and the battery charging circuitry (AC adapter).

(1/25/06 Office Action, pp. 2-3).

Applicants respectfully submit that the Office Action mischaracterizes the disclosure of Anderson. Anderson discloses:

Referring to FIG. 3, the preferred embodiment of the power supply unit 17 is now described. The power supply unit 17 preferably comprises power manager hardware (PMH) 70, a power source 74, a DC/DC converter 75, and a voltage sensor 76. The power source 74 is coupled to the DC/DC converter 75 to provide power for the electrical devices on the camera 10. The power source 74 has both a positive (+) and a negative (-) terminal coupled to the DC/DC converter 75 and the voltage sensor 76. The power source 74 generates a voltage between the positive and negative terminals. The power source 74 preferably comprises one or more alkaline batteries, but may alternately comprise

one or more lithium batteries (Li), nickel cadmium (NiCad) batteries, or batteries of any other type.

(Anderson, col. 5, lines 29-42).

The Office Action mischaracterizes the DC/DC converter (75) of Anderson as “power selection-isolation circuitry for isolating at least two power sources (battery 74 and voltage from AC adapter). Anderson’s DC/DC converter 75 has no disclosed power selection capability. It is connected to one and only one power source, a battery power source 74. Anderson does not disclose ANY structural or functional relationship between an AC adapter and the DC/DC converter 75. Anderson mentions an AC adapter only as a means of recharging the power source if the power source is depleted (Anderson, col. 9, lines 30-32), but the DC/DC converter is still supplied by power source 74, not the AC adapter. Therefore, Anderson does not disclose **power selection-isolation circuitry for isolating at least two power sources**, as recited in claim 1.

It is respectfully submitted that the Office Action further mischaracterizes the disclosure of Anderson when it states that Anderson discloses “battery charging circuitry (AC adapter) in communication with the power selection-isolation circuitry (75).” As noted above, DC/DC converter 75 cannot be characterized as power selection-isolation circuitry. For the sake of argument, even if it could be so characterized, as noted above Anderson does not disclose ANY structural or functional relationship between an AC adapter and DC/DC converter 75. Furthermore, DC/DC converter 75 doesn’t “communicate” with a power source at all – it receives a supply voltage. Therefore, Anderson does not

disclose **battery charging circuitry in communication with . . . power selection-isolation circuitry**, as recited in claim 1.

It is respectfully submitted that the Office Action further mischaracterizes the disclosure of Anderson when it states that Anderson discloses “a power arbitration circuitry (70) in communication with the power selection-isolation circuitry (75) and the battery charging circuitry (AC adapter).” Anderson’s power manager hardware (70) does not arbitrate power sources (consistent with the lack of a disclosed power selection circuitry as discussed above). Power manager 70 is connected to a computer bus 64 and a power bus that are coupled with a computer 20 and a signal processing unit 16 (Anderson, col. 6, lines 33-36; Figs 1, 3). Anderson does not disclose any structural or functional relationship between the power manager 70 and a battery charging circuit of any kind, much less an AC adapter. Therefore, Anderson does not disclose **power arbitration circuitry in communication with the power selection-isolation circuitry and the battery charging circuitry**, as recited in claim 1.

Accordingly, for at least the reasons discussed above, applicants respectfully submit that claim 1 is not anticipated by Anderson.

Claims 2-8

Given that claims 2-8 depend from claim 1, either directly or indirectly, and include all of the limitations of claim 1, applicants respectfully submit that claims 2-8 are also not anticipated by Anderson.



Claim 38

Claim 38 has been rejected for the same reasons cited in the Office Action for the rejection of claim 1. Applicants refer the Examiner to the foregoing arguments and respectfully submit that claim 38 is not anticipated by Anderson for at least the reasons discussed above,

CONCLUSION

In conclusion, applicants respectfully submit that in view of the argument set forth herein, all of the objections and rejections have been overcome.

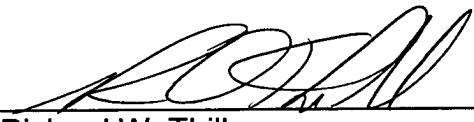
If the Examiner believes a telephone interview would expedite the prosecution of this application, the Examiner is invited to contact Richard Thill at (408) 720-8300.

If there are any additional charges, please charge our Deposit Account No. 02-2666.

Respectfully submitted,

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